

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11	("0033258"   "20080154151"   "5601585"   "5830219"   "6331166"   "6585664"   "6659105"   "7189206"   "7226424"   "7347829"   "7648466").PN.	US-PGPUB; USPAT	OR	ON	2010/09/30 18:50
L2	16	Heske-Norbert.in.	US-PGPUB; USPAT	OR	ON	2010/09/30 19:34
L3	14	Heske-Thomas.in.	US-PGPUB; USPAT	OR	ON	2010/09/30 19:34
L4	2	Heske-Norbert-F.in.	US-PGPUB; USPAT	OR	ON	2010/09/30 19:34
L5	0	Heske-Thomas-G.in.	US-PGPUB; USPAT	OR	ON	2010/09/30 19:34
L6	18	L2 or L3 or L4 or L5	US-PGPUB; USPAT	OR	ON	2010/09/30 19:34
L7	195	600/565.ccls.	US-PGPUB; USPAT	OR	ON	2010/09/30 19:34
L8	353	600/566.ccls.	US-PGPUB; USPAT	OR	ON	2010/09/30 19:34
L9	157	600/568.ccls.	US-PGPUB; USPAT	OR	ON	2010/09/30 19:34
L10	603	L7 L8 L9	US-PGPUB; USPAT	OR	ON	2010/09/30 19:34
S1	11	Heske-Norbert.in.	US-PGPUB; USPAT	OR	ON	2007/07/24 17:59
S2	8	Heske-Thomas.in.	US-PGPUB; USPAT	OR	ON	2007/07/18 11:59
S3	1	Heske-Norbert-F.in.	US-PGPUB; USPAT	OR	ON	2007/07/18 11:58
S4	0	Heske-Thomas-G.in.	US-PGPUB; USPAT	OR	ON	2007/07/18 11:59
S5	12	S1 or S2 or S3 or S4	US-PGPUB; USPAT	OR	ON	2007/07/18 13:04
S6	0	US-2001014779-\$.did.	US-PGPUB; USPAT	OR	ON	2007/07/18 13:05

S7	1	"5976164".pn.	US-PGPUB; USPAT	OR	ON	2007/07/18 13:07
S8	0	2002014779-\$.did.	US-PGPUB; USPAT	OR	ON	2007/07/18 13:07
S9	0	US-2002014779.did.	US-PGPUB; USPAT	OR	ON	2007/07/18 13:08
S10	0	"2002014779".did.	US-PGPUB; USPAT	OR	ON	2007/07/18 13:08
S11	0	"2001014779".did.	US-PGPUB; USPAT	OR	ON	2007/07/18 13:08
S12	0	US-2001014779-\$.did.	US-PGPUB; USPAT	OR	ON	2007/07/18 13:09
S13	0	("US-2001014779-\$. did.").FN.	US-PGPUB; USPAT	OR	OFF	2007/07/18 13:10
S14	0	("US-2001-014779-\$. did.").FN.	US-PGPUB; USPAT	OR	OFF	2007/07/18 13:10
S15	0	(US-2001/014779-\$.did.). OCLS.	US-PGPUB; USPAT	OR	OFF	2007/07/18 13:10
S16	0	("2001014779").FN.	US-PGPUB; USPAT	OR	OFF	2007/07/18 13:10
S17	3	US-5526822-\$.DID. OR US-5976164-\$.DID. OR US-2001011156-\$.DID. or US-6142955-\$.did. or US-2001014779-\$.did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 15:03
S18	5	US-5526822-\$.DID. OR US-5976164-\$.DID. OR US-20010011156-\$.DID. or US-6142955-\$.did. or US-20010014779-\$.did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 15:23
S19	1	US-4641663-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 15:38
S20	6	((("5954670") or ("5817033") or ("5560373") or ("5282476") or ("5183052") or ("5057085")).FN.	US-PGPUB; USPAT	OR	OFF	2007/07/18 15:38
S21	5	US-6027458-\$.DID. OR US-20020082519-\$.DID. OR US-2004101-\$.DID. OR US-20040215103-\$. DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 15:51

S22	5	US-20010011156-\$.DID. OR US-20020016555-\$. DID. OR US- 20040186393-\$.DID. OR US-20040249307-\$.DID. OR US-20040249278-\$. DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 15:52
S23	26	US-20010007925-\$.DID. OR US-20010012919-\$. DID. OR US- 20010047183-\$.DID. OR US-20020016555-\$.DID. OR US-20020045842-\$. DID. OR US- 20020068878-\$.DID. OR US-20020082519-\$.DID. OR US-20020120212-\$. DID. OR US- 20020151822-\$.DID. OR US-20020156395-\$.DID. OR US-3606878-\$.DID. OR US-3844272-\$.DID. OR US-4490137-\$.DID. OR US-4940061-\$.DID. OR US-4958625-\$.DID. OR US-5025797-\$.DID. OR US-5125413-\$.DID. OR US-5282476-\$.DID. OR US-5368045-\$.DID. OR US-5400798-\$.DID. OR US-5546957-\$.DID. OR US-5617874-\$.DID. OR US-5649547-\$.DID. OR US-5655542-\$.DID. OR US-5709697-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 16:23
S24	1	US-5752923-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 16:24
S25	27	US-5766135-\$.DID. OR US-5769086-\$.DID. OR US-5769795-\$.DID. OR US-5775333-\$.DID. OR US-5788651-\$.DID. OR US-5807282-\$.DID. OR US-5817034-\$.DID. OR US-5823970-\$.DID. OR US-5857982-\$.DID. OR US-5913857-\$.DID. OR US-5928164-\$.DID. OR US-5944673-\$.DID. OR US-5951490-\$.DID. OR US-5964716-\$.DID. OR	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 16:41

		US-5980469-\$.DID. OR US-6007495-\$.DID. OR US-6007497-\$.DID. OR US-6019733-\$.DID. OR US-6022324-\$.DID. OR US-6036657-\$.DID. OR US-6050955-\$.DID. OR US-6077230-\$.DID. OR US-6083176-\$.DID. OR US-6083237-\$.DID. OR US-6086544-\$.DID. OR US-6106484-\$.DID. OR US-6110129-\$.DID.				
S26	2	US-D403405-\$.DID. OR US-6120462-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 16:41
S27	28	US-6126617-\$.DID. OR US-6142955-\$.DID. OR US-6162187-\$.DID. OR US-6165136-\$.DID. OR US-6193673-\$.DID. OR US-6196978-\$.DID. OR US-6213957-\$.DID. OR US-6231522-\$.DID. OR US-6241687-\$.DID. OR US-6273861-\$.DID. OR US-6273862-\$.DID. OR US-6280398-\$.DID. OR US-6283925-\$.DID. OR US-6322523-\$.DID. OR US-6328701-\$.DID. OR US-6402701-\$.DID. OR US-6428486-\$.DID. OR US-6428487-\$.DID. OR US-6432064-\$.DID. OR US-6432065-\$.DID. OR US-6436054-\$.DID. OR US-6488636-\$.DID. OR US-6540694-\$.DID. OR US-6540761-\$.DID. OR US-6551255-\$.DID. OR US-6554779-\$.DID. OR US-6638235-\$.DID. OR US-6752768-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 18:38
S28	1	US-6758824-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 18:39
S29	1	US-6764495-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 18:39

S30	2	US-20020045840-\$.D.ID. OR US-5971939-\$.D.ID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 18:50
S31	2	((("3565074") or ("3312220"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/18 18:54
S32	0	VacuFlash	US-PGPUB; USPAT	OR	ON	2007/07/18 19:01
S33	0	"VacuFlash"	US-PGPUB; USPAT	OR	ON	2007/07/18 19:01
S34	1	"gearing assembly 568"	US-PGPUB; USPAT	OR	ON	2007/07/18 19:03
S35	50	((("5649547") or ("5843046") or ("6007497") or ("6007495") or ("6019733") or ("6193673") or ("4986278") or ("5282476") or ("5348022") or ("5526822") or ("5713368") or ("5775333") or ("5928164") or ("5980469") or ("6022324") or ("6142955") or ("6402701") or ("6428486") or ("6436054") or ("6471659") or ("6554779") or ("7226424") or ("20010007925") or ("20010011156") or ("20020016555") or ("20020120212") or ("20030199785") or ("20040019299") or ("20050080355") or ("20050165328") or ("20050203439") or ("20060167377") or ("20070055173") or ("20070106176") or ("20070149893") or ("20070149894") or ("20070156064") or ("6056700") or ("6017316") or ("6162187")) or	US-PGPUB; USPAT	OR	OFF	2007/07/18 19:15

		("4258722") or ("4989614") or ("5183052") or ("5241969") or ("5511556") or ("5769086") or ("6022362") or ("6077230") or ("6231522") or ("6241687") or ("").pn.)). PN.				
S36	132	600/565.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/23 16:39
S37	1387	biopsy and (power or battery or batteries) and slide and spring and needle and (vacuum or pressure or suction)	US-PGPUB; USPAT	OR	ON	2007/07/18 19:20
S38	12	S37 and S36	US-PGPUB; USPAT	OR	ON	2007/07/18 19:27
S39	210	S37 and "600"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/18 19:27
S40	41	S37 and 600/564.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/18 19:30
S41	33	S37 and 600/566.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/18 19:30
S42	241	600/566.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/23 16:39
S43	132	600/565.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/23 16:39
S44	20	S42 and S43	US-PGPUB; USPAT	OR	ON	2007/07/23 16:43
S45	353	S42 or S43	US-PGPUB; USPAT	OR	ON	2007/07/23 16:43
S46	159	S45 and ("control panel" or indicator or display or switch or button)	US-PGPUB; USPAT	OR	ON	2007/07/23 16:45
S47	97	S46 and (removable or disposable or (single near5 use) or (single near5 usage))	US-PGPUB; USPAT	OR	ON	2007/07/23 16:46
S48	66	S47 and slide	US-PGPUB; USPAT	OR	ON	2007/07/23 16:46
S49	528	Szmal.xa.	US-PGPUB; USPAT	OR	ON	2007/07/24 17:59
S50	76	S49 and biopsy	US-PGPUB; USPAT	OR	ON	2007/07/24 18:01

S51	1	("5526822").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/24 18:01
S52	1	S50 and Burbank.in.	US-PGPUB; USPAT	OR	ON	2007/07/24 18:01
S53	11	Heske-Norbert.in.	US-PGPUB; USPAT	OR	ON	2007/07/25 12:47
S54	132	600/565.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/02 13:36
S55	241	600/566.ccls.	US-PGPUB; USPAT	OR	ON	2007/08/02 13:36
S56	25	((pressure or vacuum or suction) with (piston or plunger or cylinder or syringe)) and ((biopsy adj needle) with (removable or replaceable or disposable))	US-PGPUB; USPAT	OR	ON	2007/09/10 17:29
S57	1	("4989614").PN.	US-PGPUB; USPAT	OR	OFF	2010/04/07 15:47
S58	14	Heske-Norbert.in.	US-PGPUB; USPAT	OR	ON	2010/04/10 13:58
S59	11	Heske-Thomas.in.	US-PGPUB; USPAT	OR	ON	2010/04/10 13:58
S60	1	Heske-Norbert-F.in.	US-PGPUB; USPAT	OR	ON	2010/04/10 13:58
S61	0	Heske-Thomas-G.in.	US-PGPUB; USPAT	OR	ON	2010/04/10 13:58
S62	15	S58 or S59 or S60 or S61	US-PGPUB; USPAT	OR	ON	2010/04/10 13:58
S63	6	("20050004492"   "20050010131"   "20050027210"   "5564436"   "6849080"   "7153274").PN.	US-PGPUB; USPAT	OR	ON	2010/04/10 14:05
S64	1	("20070032741").PN.	US-PGPUB; USPAT	OR	ON	2010/04/10 14:09
S65	1	("5324306").PN.	US-PGPUB; USPAT	OR	ON	2010/04/10 14:10
S66	178	600/565.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/10 14:50
S67	326	600/566.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/10 14:50
S68	148	600/568.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/10 14:50

S69	563	S66 S67 S68	US-PGPUB; USPAT	OR	ON	2010/04/10 14:50
S70	28	((pressure or vacuum or suction) with (piston or plunger or cylinder or syringe)) and ((biopsy adj needle) with (removable or replaceable or disposable))	US-PGPUB; USPAT	OR	ON	2010/04/10 15:46
S71	15	Heske-Norbert.in.	US-PGPUB; USPAT	OR	ON	2010/06/03 18:27
S72	12	Heske-Thomas.in.	US-PGPUB; USPAT	OR	ON	2010/06/03 18:27
S73	1	Heske-Norbert-F.in.	US-PGPUB; USPAT	OR	ON	2010/06/03 18:27
S74	0	Heske-Thomas-G.in.	US-PGPUB; USPAT	OR	ON	2010/06/03 18:27
S75	16	S71 or S72 or S73 or S74	US-PGPUB; USPAT	OR	ON	2010/06/03 18:27
S76	1	("4989614").PN.	US-PGPUB; USPAT	OR	OFF	2010/06/03 20:24
S77	2	((("4605011") or ("5964716"))).PN.	US-PGPUB; USPAT	OR	OFF	2010/06/03 21:14

**EAST Search History (Interference)**

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